

Experiment Number: A12620

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: m-Nitrobenzoic acid

CAS Number: 121-92-6

Date Report Requested: 09/20/2018

Time Report Requested: 02:40:18

**NTP Study Number:**

A12620

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

**Female Study Result:**

Negative

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Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (%)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	1.61 ± 0.06	
0.125	10	1.68 ± 0.08	0.3409
0.25	10	1.38 ± 0.11	0.9359
0.5	10	1.43 ± 0.07	0.8818
1.0	10	1.47 ± 0.13	0.8166
2.0	10	1.64 ± 0.11	0.4351
Trend p-Value		0.3510	

Trial Summary: Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

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<b>MN NCE/1000</b>			
<b>Dose (%)</b>	<b>N</b>	<b>Mean ± SEM</b>	<b>p-Value</b>
Vehicle Control <sup>1</sup>	10	1.20 ± 0.06	
0.125	10	1.15 ± 0.06	0.6430
0.25	10	1.07 ± 0.06	0.8386
0.5	10	1.13 ± 0.08	0.6792
1.0	10	1.21 ± 0.07	0.4613
2.0	10	1.15 ± 0.06	0.6352
Trend p-Value		0.4270	

Trial Summary: Negative

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#### LEGEND

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MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean  $\pm$  Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at  $p = 0.025/\text{number of treatment groups}$ ; positive control value is significant at  $p = 0.05$

Cochran-Armitage trend test, significant at  $p = 0.025$

\* Statistically significant pairwise or trend test

1: Vehicle Control: Feed

**\*\* END OF REPORT \*\***